

Modifications to ECE/TRANS/WP.29/GRSP/2025/17\*

I. Proposal

Insert a new paragraph 0., to read:

“0. Introduction

0.1. For supplement 6 to the 01 series of amendments:

0.1.1. The Regulation is amended to account for vehicles of category X<sup>1</sup>.

**Deleted:** Vehicles of category Y<sup>1</sup> are not in the scope of this Regulation.

0.1.2. The Regulation was originally drafted for vehicles with driver and manual driving controls. It is the intention of this ~~new~~ amendment to keep the spirit of the regulation and to extend its application to vehicles without driver and without manual driving controls inside the vehicle. In the absence of driver/manual driving controls in the vehicle, provisions related to them shall not be taken into account if not already covered by this amendment.

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0.1.3. In case of vehicles equipped with an Automated Driving System (ADS)<sup>1</sup> other than vehicles of category X, in the manual driving mode no special provisions or exemptions apply. In a mode where an ADS feature is active the relevant ADS requirements apply.”

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Paragraph 1., amend to read:

“1. Scope: This Regulation applies to the interior fittings of vehicles of category M<sub>1</sub> with regard to:

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Paragraph 1., insert new footnote 1, to read:

**Commented [昌岩1]:** In current version of R21, footnote 1 is in paragraph 4.4.1.

“1 As defined in the Consolidated Resolution on the Construction of Vehicles (R.E.3.), document ECE/TRANS/WP.29/78/Rev.8, para. 2 - <https://unece.org/transport/vehicle-regulations/wp29/resolutions>”

Paragraph 2.3., amend to read:

“2.3. “reference zone” is the head impact zone as defined in Annex 1 to this Regulation, or at the choice of the manufacturer, according to Annex 8, excluding the following areas, **if applicable:** (see Annex 10, explanatory notes, paragraphs 2.3. and 2.3.1.).

**Deleted:** (a)1-1: the interior parts of the passenger compartment other than the rear-view mirror or mirrors;¶  
(b)1-2: the arrangement of the controls;¶  
(c)1-3: the roof or opening roof, and¶  
(d)1-4: the seat-back and the rear parts of seats.¶  
(e)1-5: power-operation of windows, roof panels and partition systems. ¶  
**This Regulation does not apply to vehicles of category Y.**

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2.3.1. the area bounded by the forward horizontal projection of a circle circumscribing the outer limits of the steering control, increased by a peripheral band 127 mm in width; this area is bounded below by the horizontal plane tangential to the lower edge of the steering control when the latter is in the position for driving straight ahead. (see annex 10, explanatory notes, paragraphs 2.3. and 2.3.1.)

2.3.2. the part of the surface of the instrument panel comprised between the edge of the area specified in paragraph 2.3.1. above and the nearest inner sidewall of the vehicle; this part of the surface is bounded below by the horizontal plane tangential to the lower edge of the steering control and; (see annex 10, explanatory notes, paragraphs 2.3. and 2.3.1.)”

Insert new paragraphs 2.19. and 2.20., to read:

“2.19. “ADS feature of type 1 (ADSF-1)” means an ADS feature which includes an ADS fallback response requiring a fallback user.

\* Proposal for supplement 6 to the 01 series of amendments to UN Regulation No. 21 (Interior fittings)

2.20. "ADS feature of type 2 (ADSF-2)" means an ADS feature which does not include an ADS fallback response requiring a fallback user."

*Paragraph 4.4.1, renumber the call to footnote 1 as footnote 2 and amend to read:*

<sup>+2</sup> The distinguishing numbers of the Contracting Parties to the 1958 Agreement are reproduced in Annex 3 to the Consolidated Resolution on the Construction of Vehicles (R.E.3), document ECE/TRANS/WP.29/78/Rev.78, Annex 3 - <https://unece.org/transport/vehicle-regulations/wp29/resolutions>"

*Paragraph 5.8.2.9., at the end, add a new paragraph to read:*

" In case an ADSF-2 is active, one-touch closing shall not be permitted."

*Paragraph 5.8.4.2., at the end, add a new paragraph to read:*

" If an ADSF-2 is able to operate power operated windows, roof panels or partition systems, they shall be equipped with auto-reversing devices. It shall not be possible for the ADS to override the auto-reversing device."

*Paragraph 5.8.6.1. to 5.8.6.3., amend to read:*

"5.8.6.1. The ~~owner~~<sup>user</sup>'s manual of the vehicle shall contain clear instructions relating to the power-operated window/roof panel/partition, including:

5.8.6.2. use of the driver-controlled switch (**if applicable**),

5.8.6.3. a "WARNING" message indicating the dangers, particularly to children in the case of improper use/activation of the power-operated windows/roof-panel systems/partition systems. This information should indicate the responsibilities of the driver **and/or ADS**, including instructions for other occupants and the recommendation to leave the vehicle only if the ignition key/power key has been removed, or an equivalent condition has happened in case of a non mechanical device,"

## II. Justification

See paragraph 0. in the proposal.

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